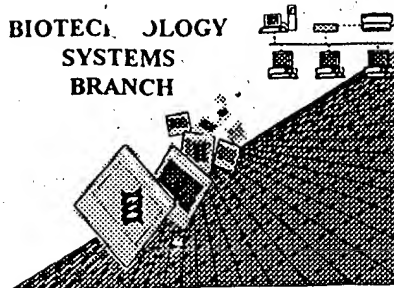


## **RAW SEQUENCE LISTING** **ERROR REPORT**

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/828,307  
Source: OIPE  
Date Processed by STIC: 4-23-01

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**

**<http://www.uspto.gov/web/offices/pac/checker>**

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/828,307

DATE: 04/23/2001

TIME: 13:16:47

Input Set : A:\PTO.txt

Output Set: N:\CRF3\04232001\I828307.raw

3 <110> APPLICANT: Mack, David  
 4 Gish, Kurt  
 5 Wilson, Keith  
 7 <120> TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSING CANCER, COMPOSITIONS, AND METHODS OF  
 8 SCREENING FOR CANCER MODULATORS  
 10 <130> FILE REFERENCE: A-69192-1/DJB/JJD/AMS  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/828,307  
 C--> 12 <141> CURRENT FILING DATE: 2001-04-06  
 12 <150> PRIOR APPLICATION NUMBER: US 09/608,821  
 13 <151> PRIOR FILING DATE: 2000-06-30  
 15 <160> NUMBER OF SEQ ID NOS: 5  
 17 <170> SOFTWARE: PatentIn version 3.0  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 3794  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Homo sapiens  
 24 <220> FEATURE:  
 25 <221> NAME/KEY: CDS  
 26 <222> LOCATION: (38)..(2635)  
 28 <400> SEQUENCE: 1  
 29 ccaagttcta cctcatgttt ggaggatott gctagct atg gcc ctc gta ctc ggc 55  
 30 Met Ala Leu Val Leu Gly  
 31 1 5  
 33 tcc ctg ttg ctg ctg ggg ctg tgc ggg aac tcc ttt tca gga ggg cag 103  
 34 Ser Leu Leu Leu Leu Gly Leu Cys Gly Asn Ser Phe Ser Gly Gly Gln  
 35 10 15 20  
 37 cct tca tcc aca gat gct cct aag gct tgg aat tat gaa ttg cct gca 151  
 38 Pro Ser Ser Thr Asp Ala Pro Lys Ala Trp Asn Tyr Glu Leu Pro Ala  
 39 25 30 35  
 41 aca aat tat gag acc caa gac tcc cat aaa gct gga ccc att ggc att 199  
 42 Thr Asn Tyr Glu Thr Gln Asp Ser His Lys Ala Gly Pro Ile Gly Ile  
 43 40 45 50  
 45 ctc ttt gaa cta gtg cat atc ttt ctc tat gtg gta cag ccg cgt gat 247  
 46 Leu Phe Glu Leu Val His Ile Phe Leu Tyr Val Val Gln Pro Arg Asp  
 47 55 60 65 70  
 49 ttc cca gaa gat act ttg aga aaa ttc tta cag aag gca tat gaa tcc 295  
 50 Phe Pro Glu Asp Thr Leu Arg Lys Phe Leu Gln Lys Ala Tyr Glu Ser  
 51 75 80 85  
 53 aaa att gat tat gac aag cca gaa act gta atc tta ggt cta aag att 343  
 54 Lys Ile Asp Tyr Asp Lys Pro Glu Thr Val Ile Leu Gly Leu Lys Ile  
 55 90 95 100  
 57 gtc tac tat gaa gca ggg att att cta tgc tgt gtc ctg ggg ctg ctg 391  
 58 Val Tyr Tyr Glu Ala Gly Ile Ile Leu Cys Cys Val Leu Gly Leu Leu  
 59 105 110 115  
 61 ttt att att ctg atg cct ctg gtg ggg tat ttc ttt tgt atg tgt cgt 439  
 62 Phe Ile Ile Leu Met Pro Leu Val Gly Tyr Phe Phe Cys Met Cys Arg  
 63 120 125 130

Does Not Comply  
 Corrected Diskette Needed  
 See p.6

## RAW SEQUENCE LISTING

DATE: 04/23/2001

PATENT APPLICATION: US/09/828,307

TIME: 13:16:47

Input Set : A:\PTO.txt

Output Set: N:\CRF3\04232001\I828307.raw

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65 tgc tgt aac aaa tgt ggt gga gaa atg cac cag cga cag aag gaa aat      487
66 Cys Cys Asn Lys Cys Gly Gly Glu Met His Gln Arg Gln Lys Glu Asn
67 135      140      145      150
69 ggg ccc ttc ctg agg aaa tgc ttt gca atc tcc ctg ttg gtg att tgt      535
70 Gly Pro Phe Leu Arg Lys Cys Phe Ala Ile Ser Leu Leu Val Ile Cys
71      155      160      165
73 ata ata ata agc att ggc atc ttc tat ggt ttt gtg gca aat cac cag      583
74 Ile Ile Ile Ser Ile Gly Ile Phe Tyr Gly Phe Val Ala Asn His Gln
75      170      175      180
77 gta aga acc cgg atc aaa agg agt cgg aaa ctg gca gat agc aat ttc      631
78 Val Arg Thr Arg Ile Lys Arg Ser Arg Lys Leu Ala Asp Ser Asn Phe
79      185      190      195
81 aag gac ttg cga act ctc ttg aat gaa act cca gag caa atc aaa tat      679
82 Lys Asp Leu Arg Thr Leu Leu Asn Glu Thr Pro Glu Gln Ile Lys Tyr
83      200      205      210
85 ata ttg gcc cag tac aac act acc aag gac aag gcg ttc aca gat ctg      727
86 Ile Leu Ala Gln Tyr Asn Thr Thr Lys Asp Lys Ala Phe Thr Asp Leu
87 215      220      225      230
89 aac agt atc aat tca gtg cta gga ggc gga att ctt gac cga ctg aga      775
90 Asn Ser Ile Asn Ser Val Leu Gly Gly Gly Ile Leu Asp Arg Leu Arg
91      235      240      245
93 ccc aac atc atc cct gtt ctt gat gag att aag tcc atg gca aca gcg      823
94 Pro Asn Ile Ile Pro Val Leu Asp Glu Ile Lys Ser Met Ala Thr Ala
95      250      255      260
97 atc aag gag acc aaa gag gcg ttg gag aac atg aac agc acc ttg aag      871
98 Ile Lys Glu Thr Lys Glu Ala Leu Glu Asn Met Asn Ser Thr Leu Lys
99      265      270      275
101 agc ttg cac caa caa agt aca cag ctt agc agc agt ctg acc agc gtg      919
102 Ser Leu His Gln Gln Ser Thr Gln Leu Ser Ser Ser Leu Thr Ser Val
103      280      285      290
105 aaa act agc ctg cgg tca tct ctc aat gac cct ctg tgc ttg gtg cat      967
106 Lys Thr Ser Leu Arg Ser Ser Leu Asn Asp Pro Leu Cys Leu Val His
107 295      300      305      310
109 cca tca agt gaa acc tgc aac agc atc aga ttg tct cta agc cag ctg      1015
110 Pro Ser Ser Glu Thr Cys Asn Ser Ile Arg Leu Ser Leu Ser Gln Leu
111      315      320      325
113 aat agc aac cct gaa ctg agg cag ctt cca ccc gtg gat gca gaa ctt      1063
114 Asn Ser Asn Pro Glu Leu Arg Gln Leu Pro Pro Val Asp Ala Glu Leu
115      330      335      340
117 gac aac gtt aat aac gtt ctt agg aca gat ttg gat ggc ctg gtc caa      1111
118 Asp Asn Val Asn Asn Val Leu Arg Thr Asp Leu Asp Gly Leu Val Gln
119      345      350      355
121 cag ggc tat caa tcc ctt aat gat ata cct gac aga gta caa cgc caa      1159
122 Gln Gly Tyr Gln Ser Leu Asn Asp Ile Pro Asp Arg Val Gln Arg Gln
123      360      365      370
125 acc acg act gtc gta gca ggt atc aaa agg gtc ttg aat tcc att ggt      1207
126 Thr Thr Thr Val Val Ala Gly Ile Lys Arg Val Leu Asn Ser Ile Gly
127 375      380      385      390
129 tca gat atc gac aat gta act cag cgt ctt cct att cag gat ata ctc      1255

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RAW SEQUENCE LISTING  
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DATE: 04/23/2001  
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Input Set : A:\PTO.txt

Output Set: N:\CRF3\04232001\I828307.raw

130	Ser	Asp	Ile	Asp	Asn	Val	Thr	Gln	Arg	Leu	Pro	Ile	Gln	Asp	Ile	Leu	
131					395					400					405		
133	tca	gca	ttc	tct	gtt	tat	gtt	aat	aac	act	gaa	agt	tac	atc	cac	aga	1303
134	Ser	Ala	Phe	Ser	Val	Tyr	Val	Asn	Asn	Thr	Glu	Ser	Tyr	Ile	His	Arg	
135				410					415					420			
137	aat	tta	cct	aca	ttg	gaa	gag	tat	gat	tca	tac	tgg	tgg	ctg	ggt	ggc	1351
138	Asn	Leu	Pro	Thr	Leu	Glu	Glu	Tyr	Asp	Ser	Tyr	Trp	Trp	Leu	Gly	Gly	
139			425					430					435				
141	ctg	gtc	atc	tgc	tct	ctg	ctg	acc	ctc	atc	gtg	att	ttt	tac	tac	ctg	1399
142	Leu	Val	Ile	Cys	Ser	Leu	Leu	Thr	Leu	Ile	Val	Ile	Phe	Tyr	Tyr	Leu	
143		440					445						450				
145	ggc	tta	ctg	tgt	ggc	gtg	tgc	ggc	tat	gac	agg	cat	gcc	acc	ccg	acc	1447
146	Gly	Leu	Leu	Cys	Gly	Val	Cys	Gly	Tyr	Asp	Arg	His	Ala	Thr	Pro	Thr	
147	455				460					465					470		
149	acc	cga	ggc	tgt	gtc	tcc	aac	acc	gga	ggc	gtc	ttc	ctc	atg	gtt	gga	1495
150	Thr	Arg	Gly	Cys	Val	Ser	Asn	Thr	Gly	Gly	Val	Phe	Leu	Met	Val	Gly	
151				475					480					485			
153	gtt	gga	tta	agt	ttc	ctc	ttt	tgc	tgg	ata	ttg	atg	atc	att	gtg	gtt	1543
154	Val	Gly	Leu	Ser	Phe	Leu	Phe	Cys	Trp	Ile	Leu	Met	Ile	Ile	Val	Val	
155			490					495					500				
157	ctt	acc	ttt	gtc	ttt	ggg	gca	aat	gtg	gaa	aaa	ctg	atc	tgt	gaa	cct	1591
158	Leu	Thr	Phe	Val	Phe	Gly	Ala	Asn	Val	Glu	Lys	Leu	Ile	Cys	Glu	Pro	
159			505				510						515				
161	tac	acg	agc	aag	gaa	tta	ttc	cgg	gtt	ttg	gat	aca	ccc	tac	tta	cta	1639
162	Tyr	Thr	Ser	Lys	Glu	Leu	Phe	Arg	Val	Leu	Asp	Thr	Pro	Tyr	Leu	Leu	
163		520				525					530						
165	aat	gaa	gac	tgg	gaa	tac	tat	ctc	tct	ggg	aag	cta	ttt	aat	aaa	tca	1687
166	Asn	Glu	Asp	Trp	Glu	Tyr	Tyr	Leu	Ser	Gly	Lys	Leu	Phe	Asn	Lys	Ser	
167	535				540					545					550		
169	aaa	atg	aag	ctc	act	ttt	gaa	caa	gtt	tac	agt	gac	tgc	aaa	aaa	aat	1735
170	Lys	Met	Lys	Leu	Thr	Phe	Glu	Gln	Val	Tyr	Ser	Asp	Cys	Lys	Lys	Asn	
171			555					560					565				
173	aga	ggc	act	tac	ggc	act	ctt	cac	ctg	cag	aac	agc	ttc	aat	atc	agt	1783
174	Arg	Gly	Thr	Tyr	Gly	Thr	Leu	His	Leu	Gln	Asn	Ser	Phe	Asn	Ile	Ser	
175			570					575					580				
177	gaa	cat	ctc	aac	att	aat	gag	cat	act	gga	agc	ata	agc	agt	gaa	ttg	1831
178	Glu	His	Leu	Asn	Ile	Asn	Glu	His	Thr	Gly	Ser	Ile	Ser	Ser	Glu	Leu	
179			585				590					595					
181	gaa	agt	ctg	aag	gta	aat	ctt	aat	atc	ttt	ctg	ttg	ggt	gca	gca	gga	1879
182	Glu	Ser	Leu	Lys	Val	Asn	Leu	Asn	Ile	Phe	Leu	Leu	Gly	Ala	Ala	Gly	
183		600				605						610					
185	aga	aaa	aac	ctt	cag	gat	ttt	gct	gct	tgt	gga	ata	gac	aga	atg	aat	1927
186	Arg	Lys	Asn	Leu	Gln	Asp	Phe	Ala	Ala	Cys	Gly	Ile	Asp	Arg	Met	Asn	
187	615				620					625				630			
189	tat	gac	agc	tac	ttg	gct	cag	act	ggg	aaa	tcc	ccc	gca	gga	gtg	aat	1975
190	Tyr	Asp	Ser	Tyr	Leu	Ala	Gln	Thr	Gly	Lys	Ser	Pro	Ala	Gly	Val	Asn	
191				635					640					645			
193	ctt	tta	tca	ttt	gca	tat	gat	cta	gaa	gca	aaa	gca	aac	agt	ttg	ccc	2023
194	Leu	Leu	Ser	Phe	Ala	Tyr	Asp	Leu	Glu	Ala	Lys	Ala	Asn	Ser	Leu	Pro	

## RAW SEQUENCE LISTING

DATE: 04/23/2001

PATENT APPLICATION: US/09/828,307

TIME: 13:16:47

Input Set : A:\PTO.txt

Output Set: N:\CRF3\04232001\I828307.raw

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195          650          655          660
197 cca gga aat ttg agg aac tcc ctg aaa aga gat gca caa act att aaa      2071
198 Pro Gly Asn Leu Arg Asn Ser Leu Lys Arg Asp Ala Gln Thr Ile Lys
199          665          670          675
201 aca att cac cag caa cga gtc ctt cct ata gaa caa tca ctg agc act      2119
202 Thr Ile His Gln Gln Arg Val Leu Pro Ile Glu Gln Ser Leu Ser Thr
203          680          685          690
205 cta tac caa agc gtc aag ata ctt caa cgc aca ggg aat gga ttg ttg      2167
206 Leu Tyr Gln Ser Val Lys Ile Leu Gln Arg Thr Gly Asn Gly Leu Leu
207 695          700          705          710
209 gag aga gta act agg att cta gct tct ctg gat ttt gct cag aac ttc      2215
210 Glu Arg Val Thr Arg Ile Leu Ala Ser Leu Asp Phe Ala Gln Asn Phe
211          715          720          725
213 atc aca aac aat act tcc tct gtt att att gag gaa act aag aag tat      2263
214 Ile Thr Asn Asn Thr Ser Ser Val Ile Ile Glu Glu Thr Lys Lys Tyr
215          730          735          740
217 ggg aga aca ata ata gga tat ttt gaa cat tat ctg cag tgg atc gag      2311
218 Gly Arg Thr Ile Ile Gly Tyr Phe Glu His Tyr Leu Gln Trp Ile Glu
219          745          750          755
221 ttc tct atc agt gag aaa gtg gca tcg tgc aaa cct gtg gcc acc gct      2359
222 Phe Ser Ile Ser Glu Lys Val Ala Ser Cys Lys Pro Val Ala Thr Ala
223          760          765          770
225 cta gat act gct gtt gat gtc ttt ctg tgt agc tac att atc gac ccc      2407
226 Leu Asp Thr Ala Val Asp Val Phe Leu Cys Ser Tyr Ile Ile Asp Pro
227 775          780          785          790
229 ttg aat ttg ttt tgg ttt ggc ata gga aaa gct act gta ttt tta ctt      2455
230 Leu Asn Leu Phe Trp Phe Gly Ile Gly Lys Ala Thr Val Phe Leu Leu
231          795          800          805
233 ccg gct cta att ttt gcg gta aaa ctg gct aag tac tat cgt cga atg      2503
234 Pro Ala Leu Ile Phe Ala Val Lys Leu Ala Lys Tyr Tyr Arg Arg Met
235          810          815          820
237 gat tcg gag gac gtg tac gat gat gtt gaa act ata ccc atg aaa aat      2551
238 Asp Ser Glu Asp Val Tyr Asp Asp Val Glu Thr Ile Pro Met Lys Asn
239          825          830          835
241 atg gaa aat ggt aat aat ggt tat cat aaa gat cat gta tat ggt att      2599
242 Met Glu Asn Gly Asn Asn Gly Tyr His Lys Asp His Val Tyr Gly Ile
243          840          845          850
245 cac aat cct gtt atg aca agc cca tca caa cat tga tagctgatgt      2645
246 His Asn Pro Val Met Thr Ser Pro Ser Gln His
247 855          860          865
249 tgaactgct tgagcatcag gatactcaaa gtggaaagga tcacagattt ttggtagttt      2705
251 ctgggtctac aaggactttc caaatccagg agcaacgcca gtggcaacgt agtgactcag      2765
253 gcggggacca aggcaacggc accattggtc tctgggtagt gctttaagaa tgaacacaat      2825
255 cacgttatag tccatgggtcc atcactattc aaggatgact ccctcccttc ctgtctattt      2885
257 ttgtttttta cttttttaca ctgagtttct atttagacac tacaacatat ggggtgtttg      2945
259 ttcccatgtg atgcatttct atcaaaactc tatcaaatgt gatggctaga ttctaacata      3005
261 ttgccatgtg tggagtgtgc tgaacacaca ccagttttaca ggaaagatgc attttgtgta      3065
263 cagtaaacgg tgtatatacc ttttgttacc acagagtttt ttaaacaat gagtattata      3125
265 ggactttcct ctaaatgagc taaataagtc accattgact tcttggtgct gttgaaaata      3185

```

## RAW SEQUENCE LISTING

DATE: 04/23/2001

PATENT APPLICATION: US/09/828,307

TIME: 13:16:47

Input Set : A:\PTO.txt

Output Set: N:\CRF3\04232001\I828307.raw

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267 atccattttc actaaaagtg tgtgaaacct acagcatatt cttcacgcag agattttcat 3245
269 ctattatact ttatcaaaga ttggccatgt tccacttgga aatggcatgc aaaagccatc 3305
271 atagagaaac ctgcgtaact ccatctgaca aattcaaaag agagagagag atcttgagag 3365
273 agaaatgctg ttctgttcaa agtggagttg ttttaacaga tgccaattac ggtgtacagt 3425
275 ttaacagagt tttctgttgc attaggataa acattaattg gactgcagct aacatgagta 3485
277 tcatcagact agtatcaagt gttctaaaat gaaatatgag aagatcctgt cacaattctt 3545
279 agatctggtg tccagcatgg atgaaacctt tgagtttggg ccctaaattt gcatgaaagc 3605
281 acaaggtaaa tattcatttg cttcaggagt ttcagtgttg atctgtcatt atcaaaagtg 3665
283 atcagcaatg aagaactggg cggacaaaat ttaacgttga tgtaatggaa ttccagatgt 3725
285 aggcattccc cccaggtctt ttcatgtgca gattgcagtt ctgattcatt tgaataaaaa 3785
287 ggaacttgg 3794
290 <210> SEQ ID NO: 2
291 <211> LENGTH: 865
292 <212> TYPE: PRT
293 <213> ORGANISM: Homo sapiens
295 <400> SEQUENCE: 2
297 Met Ala Leu Val Leu Gly Ser Leu Leu Leu Leu Gly Leu Cys Gly Asn
298 1 5 10 15
301 Ser Phe Ser Gly Gly Gln Pro Ser Ser Thr Asp Ala Pro Lys Ala Trp
302 20 25 30
305 Asn Tyr Glu Leu Pro Ala Thr Asn Tyr Glu Thr Gln Asp Ser His Lys
306 35 40 45
309 Ala Gly Pro Ile Gly Ile Leu Phe Glu Leu Val His Ile Phe Leu Tyr
310 50 55 60
313 Val Val Gln Pro Arg Asp Phe Pro Glu Asp Thr Leu Arg Lys Phe Leu
314 65 70 75 80
317 Gln Lys Ala Tyr Glu Ser Lys Ile Asp Tyr Asp Lys Pro Glu Thr Val
318 85 90 95
321 Ile Leu Gly Leu Lys Ile Val Tyr Tyr Glu Ala Gly Ile Ile Leu Cys
322 100 105 110
325 Cys Val Leu Gly Leu Leu Phe Ile Ile Leu Met Pro Leu Val Gly Tyr
326 115 120 125
329 Phe Phe Cys Met Cys Arg Cys Cys Asn Lys Cys Gly Gly Glu Met His
330 130 135 140
333 Gln Arg Gln Lys Glu Asn Gly Pro Phe Leu Arg Lys Cys Phe Ala Ile
334 145 150 155 160
337 Ser Leu Leu Val Ile Cys Ile Ile Ile Ser Ile Gly Ile Phe Tyr Gly
338 165 170 175
341 Phe Val Ala Asn His Gln Val Arg Thr Arg Ile Lys Arg Ser Arg Lys
342 180 185 190
345 Leu Ala Asp Ser Asn Phe Lys Asp Leu Arg Thr Leu Leu Asn Glu Thr
346 195 200 205
349 Pro Glu Gln Ile Lys Tyr Ile Leu Ala Gln Tyr Asn Thr Thr Lys Asp
350 210 215 220
353 Lys Ala Phe Thr Asp Leu Asn Ser Ile Asn Ser Val Leu Gly Gly Gly
354 225 230 235 240
357 Ile Leu Asp Arg Leu Arg Pro Asn Ile Ile Pro Val Leu Asp Glu Ile
358 245 250 255
361 Lys Ser Met Ala Thr Ala Ile Lys Glu Thr Lys Glu Ala Leu Glu Asn

```

&lt;210&gt; 5 Seg #5

&lt;211&gt; 5

&lt;212&gt; PRT

&lt;213&gt; Artificial →

Incomplete response for <213> as  
per new sequence rules section 1.823(b)  
See #11 on the Error Summary Sheet.

&lt;220&gt;

&lt;223&gt; Extracellular cytokine receptor motif found in many species.

&lt;220&gt;

&lt;221&gt; UNSURE

&lt;222&gt; (3)..(3)

&lt;223&gt; "Xaa" at position 3 can be any amino acid.

&lt;400&gt; 5

Trp Ser Xaa Trp Ser

1

5

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/828,307

DATE: 04/23/2001

TIME: 13:16:48

Input Set : A:\PTO.txt

Output Set: N:\CRF3\04232001\I828307.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:1012 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5